

What is claimed is:

1. A graphical element selection program for realizing on a computer the functions for:
 - using a water source model with which an image of water flowing down from a water source can be conjured;
 - defining a vector downward from said water source in a vertical direction;
 - specifying one surface intersecting said vector among all surfaces constituting a model; and
 - selecting at least one surface constituting a concave portion including said intersecting surface.
2. A graphical element selection program according to claim 1,
 - wherein said water source model consist of a model of arbitrary shape to which added is an attribute for distinguishing said water source model from the model being an object of graphical element selection.
3. A graphical element selection program according to claim 2,
 - wherein said water source model consists of a model of water tap shape.
4. A graphical element selection program according to claim 1,
 - wherein said function for selecting at least one surface constituting the concave portion including said intersecting surface creates differential models by a difference set operation to subtract said model from the smallest cube enclosing said model, specifies a particular differential model that is matched geometrically and positionally with said intersecting surface from said differential models, and selects surfaces that are matched geometrically and positionally with the specified differential model by comparing all surfaces of the model with the specified differential model.
5. A graphical element selection program according to claim 1,
 - wherein, when at least one surface constituting the concave portion including said intersecting surface is selected, a display color thereof is changed.
6. A graphical element selection program according to claim 1,
 - wherein said functions are executed in real time with the movement of said

water source model.

7. A graphical element selection program according to claim 1,
wherein said functions are executed when said water source model is
stopped after its movement.
8. A graphical element selection program according to claim 1,
wherein said functions are executed when a finalization operation is
performed on said intersecting surface that is shown explicitly while said water
source model is being moved.